

Medina, Lazaro Barredo

Matanzas Construction Progress Surveyed.
5 pp

JUVENTUD REBELDE, Havana, 2 Jul 74, p 6.
JPRS 62721

Dorticos Torrado, Osvaldo

President Dorticos Projects Cuban Fishing Goals.
6 pp

JUVENTUD REBELDE, Havana, 14 Jul 74, p 4.
JPRS 62803

Report on Education in Matanzas
7 pp

JUVENTUD REBELDE, Havana, 16 Jul 74, p 6.
JPRS 62818

Report on Industrial Growth in Matanzas.
8 pp

JUVENTUD REBELDE, Havana, 18 Jul 74, p 6.
JPRS 62818

Blas Roca Radio, TV Address From Matanzas.

13 pp

JUVENTUD REBELDE, Havana, 21 Jul 74, p 1.

JPRS 62968

Meso, Jose

Increased Production Noted in Appliances.

3 pp

JUVENTUD REBELDE, Havana, 23 Jul 74, p 2.

JPRS 63035

Ortiz, Marcelino

Matanzas Dairy Progress Assessed.

4 pp

JUVENTUD REBELDE, Havana, Jul 74, p 6.
JPRS 63035

Sugarcane harvest Improvements in Oriente discussed.
5 pp

JUVENTUD REBELDE, Havana, 22 Aug 74, p 6.
JFRS 63143

SPANISH

CSO: 8348/0652
7 October 1974

The CID and Computers in Cuba

Havana, Juventud Tecnica Undated special Issue,
1974, pp 55-59

XX

Please publish in TOLA

Reproduce diagram on p. 55 but not pictures--
translate diagram.

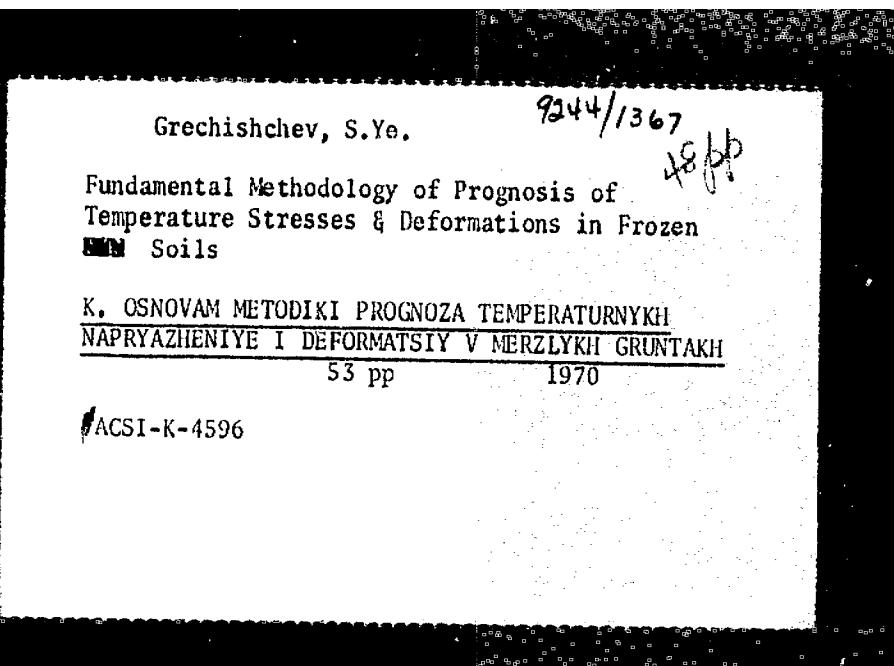
Please send advance copy.

RAMIREZ, LUIS CARLOS
//JUVENTUD REBELDE//
14/10/1974, V----, N----, pp 0006
Economic Growth in Manzanillo Outlined. 7 pp
JPRS 63606
#

MEDINA, LAZARO BARREDO
//JUVENTUD REBELDE//
17/10/1974, V----, N----, pp 0006
Progress Report on Development in Camaguey. 9 pp
JPRS 63606
#

Blaauw, A.

Young Stars and interstellar gas in the sun's neighborhood
K. NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN, AFDELING
NATUURKUNDE, VERSLAGEN VAN DE GEWONE VERGADERINGEN,
Vol 74, 1965, pp 54-61
NTC 74-20069-03B



RUSSIAN

CSO: 834/0905

5 November 1973

1. A Generalized Conception of Information Processes
2. Conversion of Information with Semantic Heterogeneity
3. Establishment of a Committee for Certification of Leaders

1. Obobshchennaya Kontsepsiya Informationnykh Protsessov
2. Preobrazobaniye Informatsii a Semanticheskoy Neodnorodnosti
3. K Sozdaniyu Komiteta Attestatsii Rykovoditeley

Spec type A - Translator's draft plus one copy

V. V. Lavrusevich

Measurement of characteristics of the apparatus for separating pulse-code modulation(PCM) signal in the unique single telemetry system (STMS). 27 pp.

K VOPROSU IZMERENIYA Kharakteristik APPARATURY VYDELENIYA SIGNALA KIM v yETMS. ACAD OF SCI INST FOR SPACE RES.

Report D-148, 1972, 30 pp

NASA TT F 14,657

apr 73

Marth, W.

Experience in the commissioning of the compact sodium-cooled reactor (KNK)
KFK-NACHRICHTEN, Vol 4, No 2, 1972, pp 24-28
Risley Trans 2583

RUSSIAN

*Completed
Special*

CSO: 8144/0964

5 December 1974

Khayzeruk, Ye. M.

//KABELEUKLADCHIKI//

11/12/1973, V----, N----, pp ~~xx~~ 0001-0009,
and 0110-0115, and 0194-0195, and 0197-0198.

Moscow

Cably Laying

#

Special Type B

Do Not Publish

Single spaced draft plus one

Farkas, G.

The Generation of Gigawatt and Picosecond Impulse
Trains with the Aid of a Mode-Locking Laser and
Its Applications in Examining the Second Order
Photoeffect 16 pp

KFKI KOZLEMENYEK, Vol 18, No 2, 1970, pp 55-67

FSTC-HT-23-886-73

DISTRIBUTION LIMITED TO U.S. GOVT AGENCIES

NABATOV. O. S.
//KABEL'NYYE LINII SVYAZI AEROPORTOV//
--/-/1973, V----, N----
Cable communication lines of airports 150 pp
pp 7-56, 99-128, 134-149
AIR/FTD/HC-23-2048-74#

Afghan Premier Daud Interviewed by Indian
Journalist, 7 pp.
KABUL RADIO, Dari, 1230 GMT, 2 May 74.
JPRS 61985

JUL 74

QUALITY OF KILLED STEEL *BUKHT*

KULOV, M., ET AL LANGUAGE-RU COUNTRY-UR

KACHESTVO SLITKA SPUKOYNOY STALI

"METALLURGIYA", MOSCOW, 1973, CH 12 (PP 364-3
68) AND RELEVANT BIBLIO. RE

A1/M
FSTC-HI-23-0150-74

FRENCH

CSO: 8319/0944

19 November 1974

Bianco, Mirella

3566
//Kadhafi - Messager du désert//
--/--/1974, V ----, N ----, pp 0025 - 0080
Qadhdhafi; Messenger of the Desert, Paris
#

Special Type B

Do Not Publish

Single Spaced Draft plus one

FRENCH
Copie 15 pp

CSO: 8319/1133

12 December 1974

Cazalis, Marie

//KADHAFI: LE TEMPLIER D'ALLAH//

--/-/1974, V----, N----, pp0052-0059, 0075-
0084, 0086, 0088-0090, 0100-0111, 0119, 0122,
0134-0138, 0152-0153 (passages as marked)

Paris,

Qadhafi, the Knight Templar of Allah

#

Special Type B

Do Not Publish

Single spaced draft plus two

R. Planck

An equation of state for liquid ammonia.
KAELTECHNIK, Vol 12, pp 282-283, 1960
NTC 72-15299-07D

mar 73

Matthias, H.

Thermodynamic properties of octafluorocyclobutane
 C_4F_8 (R C318)
KÄLTETECHNIK (-KLIMATISIERUNG), v. 18, n. 6, 1966, pp.
240-241
MTC 73-21680-11G

Leidenfrost, W.

Rotating heat exchangers and optimisation of a heat pump.

KÄLTETECHNIK-KLIMATISIERUNG, Vol 22, No 12, 1970,

pp 403-413

NTC 73-13737-13A

Bender, E.

Formulation of equations of state permitting an exact calculation of the saturation values--demonstrated by the example of methane.

KAELTETECHNIK-KLIMATISIERUNG, Vol 23, No 9, 1971,
pp 258-264

NTC 73-13490-07D

Engineering Tasks at Decontamination Centers
Outlined.

5 pp

DER KAEMPFER, East Berlin, Mar 1974, p 5.
JPRS 61737

Ukita, T.

*Experimental tracing of mercury poisoning. Part II.
Generation of Methylmercury from inorganic mercury
KAGAKU, TOKYO, v. 41, n. 11, 1971, pp. 586-592
NTC 73-12965-06J*

Inokuchi, H.

Reactions and applications of the enzyme, Hydrogenase.
KAGAKU, TOKYO, Vol 42, No 7, 1972, pp 358-366
NTC 73-14044-07D

Isono, Naohide, and Kunitatsu Fujiwara 1972
Environmental pollution by PCB (polychlorinated biphenyls)
II. Toxicity (PCB ni yoru osen II. Seital ni taisuru
dokusei)
Engaku (Science), 42(1): 390-406. In Japanese.

Transl. by Transl. Bur., Eng. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., NRC Biol. Sta.,
St. Andrews, N.B., 1973, as Transl. Series No. 2487,
46p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MK*

Isono, N.

Environmental pollution by PCB (Polychlorinated Biphenyls). Part 3. How to cope with the situation.
KAGAKU, TOKYO, Vol 42, No 8, 1972, pp 447-456
NTC 73-14239-06F

NMFS

Murozumi, M.

The "Lead Man" moving towards extinction -- The ominous
spread of metal pollution --.
KAGAKU ASAHI, Vol 30, No 12, 1970, pp 39-44
NTC 73-14655-06F

Chemical Protection unit, by Japan
Ground Self-Defense Force, Training Manual ##3-41
KAGAKU BOGO TAI, pp 1-154 1970
Chemical P

CSO: 01259/73 request Dec 72
completed May 73
8329/1259

Jul 73

Changes in International Situation Forces
Changes in Space Priorities, 8 pp.
GOVERNMENT USE ONLY
KAGAKU GIJITSUCHO GEPO, Tokyo, Apr 73, pp 5-8.
JPRS/L 4592

Jul 73

FY 1973 Basic Plans for Development and Usage
of Atomic Energy, 12 pp.
GOVERNMENT USE ONLY
KAGAKU GIJUTSUCHO GEPO, Tokyo, No 201,
May 73, pp 1-5.
JPRS/L 4636

Sep 73

FY 1973 Operational Plans, 11 pp.
GOVERNMENT USE ONLY
KAGAKU GIJUTSUCHO GEPPO, Tokyo, Aug, Sep 73.
JPRS/L 4693

Oct 73

GOVERNMENT USE ONLY

Science and Technology Agency's FY 1974 Policies.

9 pp

KAGAKU GIJUTSU CHO GEPO, Tokyo, Oct 1973, pp 1-5.

JPRS/L 4733

GOVERNMENT USE ONLY

FY 1974 Budget Request for Atomic Energy Projects.
8 pp

KAGAKU GIJUTSU CHO GEPO, Tokyo, Oct 1973, pp 5-12.
JPRS/L 4756

Space Development Plans, 8 pp.
GOVERNMENT USE ONLY
KAGAMI SHIJIUTSU CHO GASSHO, Tokyo, No 213, May 74,
pp 3-6.
JPUS/1, 1032

See 71

GOVERNMENT USE ONLY

FY 1974 Science and Technology Budget.

5 pp

KAGAKU GIJUTSU-CHO GEPO, Tokyo, Mar 1974, pp 7-9.
JPRS/L 4936

Py 1971 Operational Plans for National Aerospace Laboratory, 7 pp.
GOVERNMENT OF THE U.S.: CECIL
YAGAWA SHINTARO, Tokyo, No 213, May 74,
on 9-11.
JWRS/L 4982

See 74

BY 19³⁴, Operational Plans Outlined, 19 mm.
GOVERNMENT USE ONLY
MICHAEL CLIFFORD GIBBON, Tokyo, No 214,
Jun 74, pp 7-14.
JPS/L 5014

Cop. 74

GOVERNMENT USE ONLY

FY 1974 Atomic Energy Budget.

5 pp

KAGAKU GIJUTSU-CHO GEPPO, Tokyo, Mar 1974,
pp 9-11.

JPRS/L 4936

Shinohara, Toshiaki

.970

Chemical constituents of human skin lipids "V. Mono-unsaturated acids in the free and ester-type fatty acids of human skin-surface lipids ("ito hi hzo shishitsu no kagaku seibun "V. suri oyobi esubeni ke'ssyo-gata shibosan chu no mono fuhogasan ni tsuite)"

National Keisatsu Denkiusho Kokoku (Reports of the National Res. Inst. of Police Sci.), 23(1): 18-23. In Japanese.

Transl. by Transl. Par., Eng. Lang. Div., Dept. of Sec. of State of Canada, for Dpt. of Environ., NRCC, Ottawa, Ontario, Canada, 1972, as Transl. Series No. 241C, 1966, typescript.

Avail. on loan - NERB, Wash., D.C.

Original Article Checked *MJ*

HOSHINO, K.
//NAGAKU KETIZAI//
--/-/1967, V-----, E0003,
IHO Recorded Letter. Development Mechanism of
Domestic Technology,
pg 10-70, SHU Sh-17/20-1112

*The United States Environmental Protection Agency which
fights air pollution.*

KAGAKU KEIZAI, No 2, 1972, pp 61-65
NTC 73-13811-06F

Powder Materials: Their Handling and Flow.
Kagaku Kogaku, Tokyo, vol. 18, pp 205-209,
1954
*NTIS TT 73-53037

may 73

Koutsume, Masahiro

Ring weir of rotary kiln.
KAGAKU KOGAKU, Vol. 19, pp. 99-103, 1955.
NTIS-TT-73-53035

may 73

Hajime, U.

Evaporation from a liquid surface under a high and
a medium vacuum.

KAGAKU KOGAKU, 1960, v. 24, p. 274-280.
NTC 73-12380-20D
NTIS N72-20615

HAGI, S.
//~~URANI KOGANT~~//
--/--/1963, R0027, H-----,
Investigation of Countercurrent Crystallization
Purification Apparatus,
PP 115-100, PNU 74-1107-07210

Agency: Picciniy Arsenal
Rep. 75-391

9229/1106
28 Nov. 1973

Author: Hashimoto Fujita, Tazaburo

Source: XANX Nagaku (Kyoto), v. 19, (1964),
pp. 664-70.

Language: Japanese.

Instructions: Type single space, paste-up, camera
ready copy.

Suzuki, M.

Fluid dispersion in a packed bed.
KAGAKU KOGAKU, v. 29, n. 4, p. 253-260, 1965.
CRL T. 5120

Kobayashi, H.

Determination of gas cross-flow coefficient between two phases by measurement of residual concentration curve in a gas-solid system fluidized bed.
KAGAKU KOGAKU, Vol 31, No 3, 1967, pp 239-243
NTC 73-22179-07A

Morishima, N.

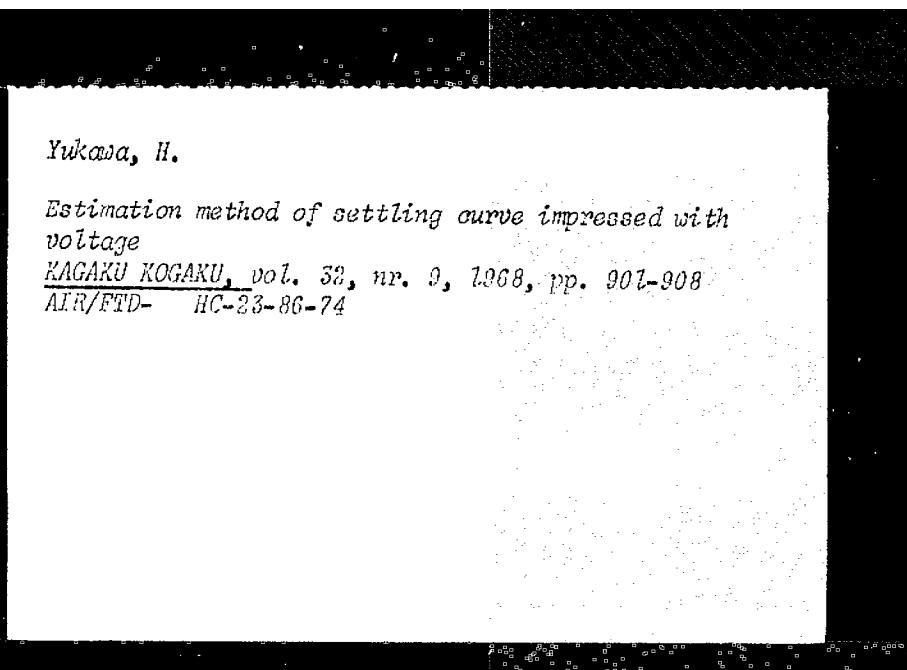
Dust collection on atomized droplets, calculation
of collection efficiency with consideration given to
droplet size distribution.

KAGAKU KOGAKU, v. 31, p. 1114-1119, 1967.
NTC 73-11085-07A

Masaru, I.

Incineration of chicken droppings in a fluidized-bed
device.

KAGAKU KOGAKU, v. 32, n. 5, p. 459-464, 1968
NTC 73-11008_13B



Yukawa, H.

*Continuous thickening of slurry impressed with voltage.
18 pp.*

KAGAKU KOGAKU, Vol 32, No 9, 1968, pp 909-916
AIR/FTD-MC-23-87-74

**DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY
COPYRIGHT INFORMATION OTHER REQUEST FOR THIS DOCUMENT
MUST BE REFERRED TO FTD. THE CONTENTS OF THIS DOCUMENT
ARE SUSPECTED TO BE SUBJECT TO COPYRIGHT PROTECTION.**

Iinoya, K.

Experiments on anisokinetic sampling errors for solid-liquid two-phase flow.
KAGAKU KOGAKU, Vol 34, No 1, 1970, pp 69-74
NTC 73-14302-07A

YUKAWA, H.
//KAGAKU KOGYO//
--/05/1971,V0022,N0005,
Methods of electrochemical separation for dis-
persed systems. 17 pp
pp 90-96,AIR/FTD-HC-23-85-74
COPYRIGHT INFORMATION. U.S. GOV'T AGENCIES ONLY.
OTHER REQUEST MUST BE MADE TO FTD@G

Kamiya, T.

Ligament form disintegration by means of a rotating disc:
applicability of ligament form disintegration on a
disc to that at the disc edge.

KAGAKU KOGAKU, Vol 35, p. 541-546, 1971.
NTC 73-10670-20K

may 73

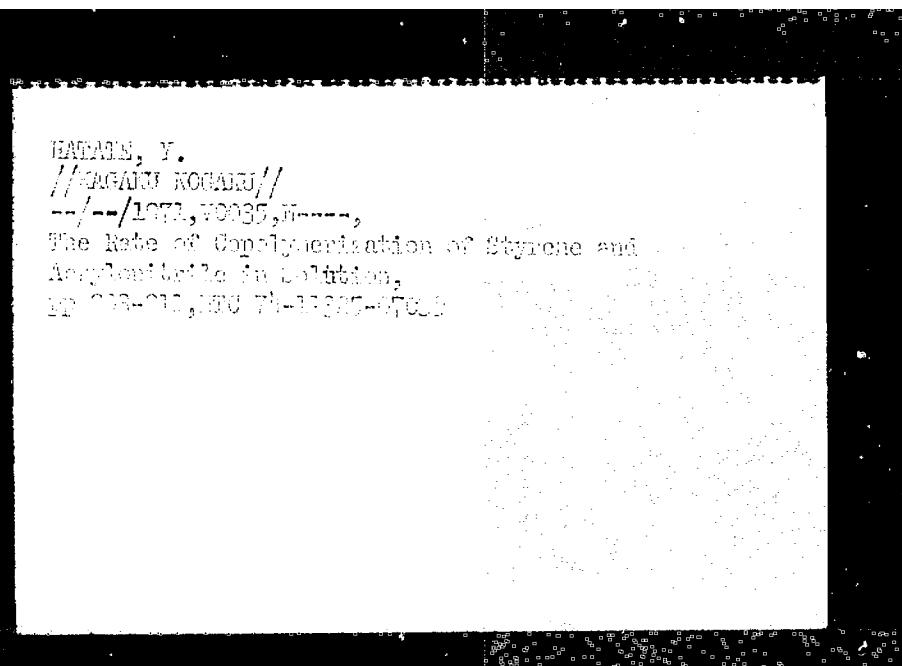
Okada, K.

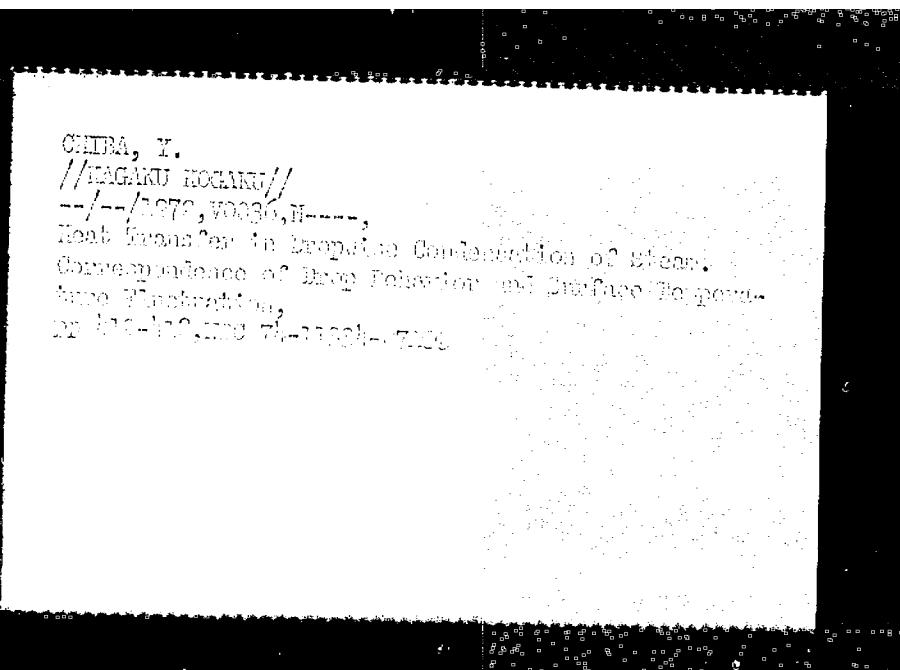
Designs for new plate-type heat exchangers and their heat transfer characteristics.
KAGAKU KOGAKU, Vol 35, 1971, pp 587-591
NTC 73-13955-07A

Yukawa, H.

*Particle separation characteristics of O/W emulsions
impressed with an electric field. 21 pp.
KAGAKU KOGAKU, Vol 35, No 6, 1971, pp 656-663
AIR/FTD-HC-23-88-74*

*DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY. COPYRIGHT
INFORMATION. OTHER REQUEST FOR THIS DOCUMENT MUST BE
REFERRED TO FTD. THE CONTENTS OF THIS DOCUMENT ARE
SUSPECTED TO BE SUBJECT TO COPYRIGHT PROTECTION.*





TAKAHASHI, T.
//KAGAKU KOGAKU//
--/--/1972, V0036, N0005,
*Laminar breakup length and droplet size for a liquid
jet in air*
pp 527-533, NTC 74-11572-07A##

MICROBIAL BIODETERIORATION- ITS NATURE AND CO
NTROL

INCUE MAYUMI LANGUAGE-JA COUNTRY-JA

KAGAKU KOGYU NO 5 1972 PP 93-100

FSTC-HT-23-0984-74

PLASTIC WASTES DISPOSAL BY MICROORGANISM TREATMENT

INOUE MAYUMI LANGUAGE-JA COUNTRY-JA

KAGAKU KOGYO NO 8 1972 PP 57-66

FSTC-HT-23-0983-74

Tanaka, E.

A survey of dust control at iron and steel plants.
KAGAKU KOGAKU, Vol 36, No 8, 1972, pp 815-820
NTC 73-14538-13B

Masamune, S.

On industrialization of Tetrahydrofuran production process.

KAGAKU KOGAKU, Vol 36, 1972, pp 1275-1279
NTC 73-14466-07A

TANAKA, K.
//NAGAKU NOGAKU//
--/-/1973, V3037, N-----,
Theoretical Analysis of Dust Cleaning Operation
in Multi-Compartment Bag Filter,
pp 718-724, RIC 74-11200-13380

S. Yamada

*Contamination of foods and the human body by
halogenated hydrocarbons.*

KAGAKU TO KOGYO (OSAKA), Vol 45, 1971, pp 314-326
NTC 73-10506-06H

may 73

HIROSHI, YUKAWA
//KAGAKU KOGYO, THE JOURNAL OF INDUSTRIAL CHEMISTRY//
--/03/1971, V0022, N0003,
Electrochemical separation of the disperse systems
Part 1, 22 pp,
pp 121-127, AIR/FTD-HC-23-83-7400

YUKAWA, HIROSHI
//KAGAKU KOGYO//

--/--/1971, V0022, N0004,

Electrochemical separation of the disperse
systems Part 3, 24 pp

pp 121-127, AIR/PTD-HC-23-84-74

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY

COPYRIGHT INFORMATION OTHER REQUEST MUST BE

REFERRED TO PTD#

Imamura, S.

Deodorization by high temperature combustion
KAGAKU KOJO, v. 16, n. 5, 1972, pp. 41-45
NTC 73-12857-07A

IIYA, K.
//KAGAKU KOJO//
--/--/1973, V0017, N0001,
Particle collection,
pp 57-61, NTC 74-10083-07A@@

Hisatsune, I. C.

*Study of gas phase chemical reactions by infra-red
scan monochromator.*

KAGAKU NO RYOKI, Vol 23, No 2, 1969, pp 12-17
NTC 73-21756-07D

KITANO, N.
//KAGARU NO KYOTOKI//
--/-/1971, V0025, NO009,
The Chemistry of Cyanates and Isocyanates
Part II,
PP 135-143, IUPC 7*-19507-07038

Osada, Y.

*Matrix polymerization: Radical polymerization in a
polyethylene glycol matrix.
KAGAKU NO RYOKI, Vol 25, 1971, pp 625-635
NTC 73-13588-07C*

Hasegawa, T.

Determination of polycyclic aromatic hydrocarbons in
airborn particulates.

KAGAKU NO RYOKI, v. 25, p. 905-920, 1971.
NTC 73-11089-07C

Tsuge, O.

Chemistry of Enamines - Cycloaddition Reaction
KAGANU NO RYOKI, v. 26, 1972, pp. 191-201
NTC 73-12424-07C

ISONO, N.
//KAGAKU TOKYO//
--/--/1972, V0042, NO006,
Environmental Pollution by PCB (Polychlorinated
Biphenyls). Part II. Toxicities,
PP 306-406, ITC 74-K0400-06F08

Suzuki, S. et al

Studies on the Polymerization of Acrylates. Pt.1
Effect of Various Factors on the Polymerization.
KAGAKU ZASSHI, Vol.57, No.9, pp.658-60, 1954.

JS-377

Tsuchida, E. et al

Studies on the Electrostatic Charging of High Polymers. Part 1. Apparatus for Measuring Contact-Separating Charging and the Electrostatic Characteristics of High Polymers.

KAGAKU ZASSHI, Vol.69, No.4, pp.690-4, 1966.

JS-376

Urashima, Y.

Mineral compositions of placer platinum
from Teshio in Hokkaido, Japan.

KAGOSHIMA DAIGAKU RIKA HOKOKU (KAGOSHIMA),
No. 21, 25 September 1972, pages 119-135.
*NASA TT F 14,625

may 73

JAPANESE Comp. Sp
bpr

CSO: 8029/0166 W
25 July 1973

North Vietnamese Pacification in Binh Dinh Province,
by Dennis Warner.

Kaigai Hyoron Tsushin, Vol. 14, no. 22, 4 June 1973,
pp 1-49.

Special type B
Do not publish
Translator's draft plus one

JAPANESE

Comp. Sp
5/20

CSO: 8029/0165 W
25 July 1973

The second Russo-Japanese War, by Russell Brines.

Kaigai Hyoron Tsushin, Vol. 14, no. 24, 18 June 1973,
pp 1-54.

Special type B
Do not publish
Translator's draft plus one

Bulletin of marine biotelemetry research group.
KAIYOSEIBUTSU TELEMETRY KENKYU KAIHO, n. 4, p. 1-48,
1971.
NRC C-11934

Japanese

Completed
Special

DC

1,705/70

26 Feb 70 SF

Interview of Gen Liushikov, by Fusae Ichikawa and
Kanako Murakami,
per, Kaizo, Tokyo(?), 193-?, pp 96-103,

Special Type "B": Transl. draft plus one

doc-do not mutilate,

Japanese

Complete
Special

DC

1,706/70

26 Feb 70 SF ch

Soviet and European in War by Liushikov, Gen. Semilovitch, 1968, 1970, Kaizo, Tokyo(?), 193-(?), pp 134-144,

Special Type "B": Transl. draft plus one
T.D. 17 Mar 70

Source - do not mutilate,

Japanese

Completed
Special

SC

1,702/70

26 Feb 70 SF

Far Eastern Red Army by Liushikov, Gen. Samoilovich

per, Iaizo, Tokyo(?), 1938, pp 148-154,

Special Type "B": Transl. draft plus one

T.D. 17 Mar 670

source- do not mutilate,

Japanese

Completed
Special

DC

1,703/70

26 Feb 70 SF

Russia's Aggression in Europe by Liushikov, Gen.
Senoilovich,
per, Kaiwo, Tokyo, 193), pp 254-264,

Special Type "B": Transl. draft plus one

T.D. 17 Mar '70

source-do not mutilate,

POLISH

CSO: 1111/001
17 Dec 73

1973 Military calendar, by The Polish MOD Press.

Warsaw, Kalendarz Wojskowy, September 1973,
pp 263-312.

Spec type B
Do not publish
Translator's draft plus two copies.

POLISH:

Kalendarz Wojskowy ("Polish Calendar")
np 270-381 and 348-319

DIA LN 524-73

(June 73)

Ishigaki, A.

Application of Surfactants for Improvement of the
Wetability Processability of Sulfate dissolving Pulp.

Part II

JOURNAL OF POLYMER, v. 13, n. 5, 1950, p. 295-319

IPC: C-22

Kajima, K.

The hydro-cracking of lignin.
KAMI-PA GIKYOSHI, v. 16, p. 901-905, 1962.
NTC 73-10826-07A